

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of work: Improvements to Roads and Drains at Thirumenahalli to Chokkanahalli in Ward No.05, Byatarayanapura sub-division

		Estimate Cost Rs.						1999000.00	
SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for leveling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1,P. No. 5/ Item No. 2.1/ PWD SR 2013-14	cum							
			1	31.00	0.20	0.15	3.72		
			1	21.00	0.20	0.15	2.52		
			1	10.00	0.20	0.15	1.20		
			1	73.00	0.20	0.15	8.76		
			1	10.00	0.20	0.15	1.20		
			1	35.50	0.20	0.15	4.26		
			1	24.00	0.20	0.15	2.88		
			1	4.50	0.20	0.15	0.54		
			1	14.00	0.20	0.15	1.68		
			1	67.00	0.20	0.15	8.04		
			1	24.00	0.20	0.15	2.88		
			1	59.00	0.20	0.15	7.08		
			1	25.00	0.20	0.15	3.00		
			1	54.00	0.20	0.15	6.48		
							54.24	126.36	6854.00
	Basic Rate	117.00							
	Area Weightage @ 8%	9.36							
	Total	126.36							
2	Removing B.S Slab of Drain and stacking Page No. 28/ Item No. 5.32/ PWD SR 20113-14	Sqm							
			1	31.00	1.65		51.15		
			1	21.00	1.65		34.65		
			1	10.00	1.65		16.50		
			1	73.00	1.65		120.45		
			1	10.00	1.65		16.50		
			1	35.50	1.65		58.58		
			1	24.00	1.65		39.60		
			1	4.50	1.65		7.43		
			1	14.00	1.65		23.10		
			1	67.00	1.65		110.55		

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	24.00	1.65		39.60		
			1	59.00	1.65		97.35		
			1	25.00	1.65		41.25		
			1	54.00	1.65		89.10		
							745.80		
	Deduct 30% Missing Slabs						223.74		
							522.06	50.11	26161.00
	Basic Rate	46.40							
	Area Weightage @ 8%	3.71							
	Total	50.11							
3	Refixing stone slabs of drains and pointing in C.M (1:3) Page No. 28/ Item No. 5.33/ PWD SR 2013-14	Sqm							
			Qty Vide Item No.3				522.06		
							522.06	70.04	36564.00
	Basic Rate	64.85							
	Area Weightage @ 8%	5.19							
	Total	70.04							
4	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete -do- 7.5 cms thick Page No. 28/ Item No. 5.31.1/ PWD SR 2012-13	Sqm							
	For Missing slabs (30%)		Missing Slabs				223.74		
							223.74	343.44	76841.00
	Basic Rate	318.00							
	Area Weightage @ 8%	25.44							
	Total	343.44							
5	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix M 7.5 with OPC cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS	Cum							
			1	31.00	0.20	0.10	0.62		
			1	21.00	0.20	0.10	0.42		
			1	10.00	0.20	0.10	0.20		
			1	73.00	0.20	0.10	1.46		
			1	10.00	0.20	0.10	0.20		
			1	35.50	0.20	0.10	0.71		
			1	24.00	0.20	0.10	0.48		
			1	4.50	0.20	0.10	0.09		
			1	14.00	0.20	0.10	0.28		
			1	67.00	0.20	0.10	1.34		
			1	24.00	0.20	0.10	0.48		
			1	59.00	0.20	0.10	1.18		
			1	25.00	0.20	0.10	0.50		
			1	54.00	0.20	0.10	1.08		
							9.04	4290.84	38789.00
	Basic Rate	3973.00							

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Area Weightage @ 8%	317.84							
	Total	4290.84							
6	KSRB 5-14 : Providing and constructing precast concrete solid blocks with compressive strength not less than 35 Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20 cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. Page No. 27/ Item No. 5.27/ PWD SR 2013-14	Sqm							
			1	31.00		0.40	12.40		
			1	21.00		0.40	8.40		
			1	10.00		0.40	4.00		
			1	73.00		0.40	29.20		
			1	10.00		0.40	4.00		
			1	35.50		0.40	14.20		
			1	24.00		0.40	9.60		
			1	4.50		0.40	1.80		
			1	14.00		0.40	5.60		
			1	67.00		0.40	26.80		
			1	24.00		0.40	9.60		
			1	59.00		0.40	23.60		
			1	25.00		0.40	10.00		
			1	54.00		0.40	21.60		
							180.80	924.48	167146.00
	Basic Rate	856.00							
	Area Weightage @ 8%	68.48							
	Total	924.48							
7	KSRB 4-1.7 : : Providing and laying in position plain cement concrete of mix M10 with OPC cement @ 220kgs, with 20mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @0.56cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1.4.2/P No. 13/ Item No. 4.7/ PWD SR 2013-14	cum							
			1	31.00	0.20	0.10	0.62		
			1	21.00	0.20	0.10	0.42		
			1	10.00	0.20	0.10	0.20		
			1	73.00	0.20	0.10	1.46		
			1	10.00	0.20	0.10	0.20		
			1	35.50	0.20	0.10	0.71		
			1	24.00	0.20	0.10	0.48		
			1	4.50	0.20	0.10	0.09		
			1	14.00	0.20	0.10	0.28		
			1	67.00	0.20	0.10	1.34		
			1	24.00	0.20	0.10	0.48		

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	59.00	0.20	0.10	1.18		
			1	25.00	0.20	0.10	0.50		
			1	54.00	0.20	0.10	1.08		
							9.04	4737.96	42831.00
	Basic Rate	4387.00							
	Area Weightage @ 8%	350.96							
	Total	4737.96							
8	Precast slab 20mm and down size for slab (including steel reinforcement) including centring and shuttering machine mixed concrete laid in layers not exceeding 15cms thick well compacted cost of all materials labour HOM of machineries curing complete as per specifications c.c 1:1.5:3 Including all cost of Matirial (DATA RATE ENCLOSED) 10cm thick RCC pre cast slab	Sqm							
			1	31.00		0.90	27.90		
			1	21.00		0.90	18.90		
			1	10.00		0.90	9.00		
			1	73.00		0.90	65.70		
			1	10.00		0.90	9.00		
			1	35.50		0.90	31.95		
			1	24.00		0.90	21.60		
			1	4.50		0.90	4.05		
			1	14.00		0.90	12.60		
			1	67.00		0.90	60.30		
			1	24.00		0.90	21.60		
			1	59.00		0.90	53.10		
			1	25.00		0.90	22.50		
			1	54.00		0.90	48.60		
			1	209.00		0.90	188.10		
							594.90	1856.67	1104533.00
	Data Rate	1856.67							
9	Providing and fixing pre cast solid cement concrete kerb stones made out of C.C 1:2:4 with top and bottom width 114 and 165mm repectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including formwork curing, including, cost of all materials, labour hire charges of machinery, loading unloading, lead and lift, transportation etc, complete. Page No. 28/ Item No. 5.30/ PWD SR 2013-14	No.							
			1	31.00			31.00		
			1	21.00			21.00		
			1	10.00			10.00		
			1	73.00			73.00		
			1	10.00			10.00		
			1	35.50			35.50		
			1	24.00			24.00		
			1	4.50			4.50		
			1	14.00			14.00		
			1	67.00			67.00		
			1	24.00			24.00		
			1	59.00			59.00		

SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			1	25.00			25.00		
			1	54.00			54.00		
							452.00		
				452/0.45			1004.44	267.84	269030.00

	Basic Rate	248.00							
	Area Weightage @ 8%	19.84							
	Total	267.84							

10	KSRRB M800-6: Painting two coats on new concrete surface:- Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces complete as per specifications. MORTH specification No. 803, No. 192/ Item No. 24.7/ PWD SR 2013-14	Sqm							
			1	31.00		0.40	12.40		
			1	21.00		0.40	8.40		
			1	10.00		0.40	4.00		
			1	73.00		0.40	29.20		
			1	10.00		0.40	4.00		
			1	35.50		0.40	14.20		
			1	24.00		0.40	9.60		
			1	4.50		0.40	1.80		
			1	14.00		0.40	5.60		
			1	67.00		0.40	26.80		
			1	24.00		0.40	9.60		
			1	59.00		0.40	23.60		
			1	25.00		0.40	10.00		
			1	54.00		0.40	21.60		
							180.80	58.32	10544.00

	Basic Rate	54.00							
	Area Weightage @ 8%	4.32							
	Total	58.32							

11	Lead for Disposal of Debris shall be payable at carage rates by Mechanical means including loading and unloading. From 0.00 to 2.00 Km (Page No.123,	Cum							
				Qty. Vide Item No. 1			54.24	72.71	4022.00
	Basic Rate Lead Charges Upto 2.00 Kms	5.12							
	PWD SR 2010-11 (P.118/I.17.1) For loading and unloading	62.20							
		67.32							
		5.39							
	Total	72.71							

							Grand Total		1783315.00
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SI No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
12	For Third Party QC Charges 1% on Estimate Cost								17833.00
13	KRIDL Charges and labour Cess 11%								196165.00
14	Miscellaneous Charges	L/S							1687.00
								Total	1999000.00

(Rupees Nineteen Lakhs Ninty Nine Thousand Only)

Certificate:

- 1 The work spot has been inspected and the work is found necessary.
- 2 This estimate is prepared as per PWD SR of 2013-14
- 3 The provisions were made in this estimate are necessary and adequate.
- 4 This works come under B.B.M.P. limits.

Assistant Engineer
KRIDL

Assistant Engineer

Asst. Exe. Engineer
Byatarayanapura Sub Division

Assistant Executive Engineer
Technical Manager (West)
Byatarayanapura Sub-division
KRIDL BBMP, Bangalore

Executive Engineer
Byatarayanapura Division

Estimated Section for Rs. **19.99 Lakh**
Nineteen Lakh Ninty Nine
thousand only

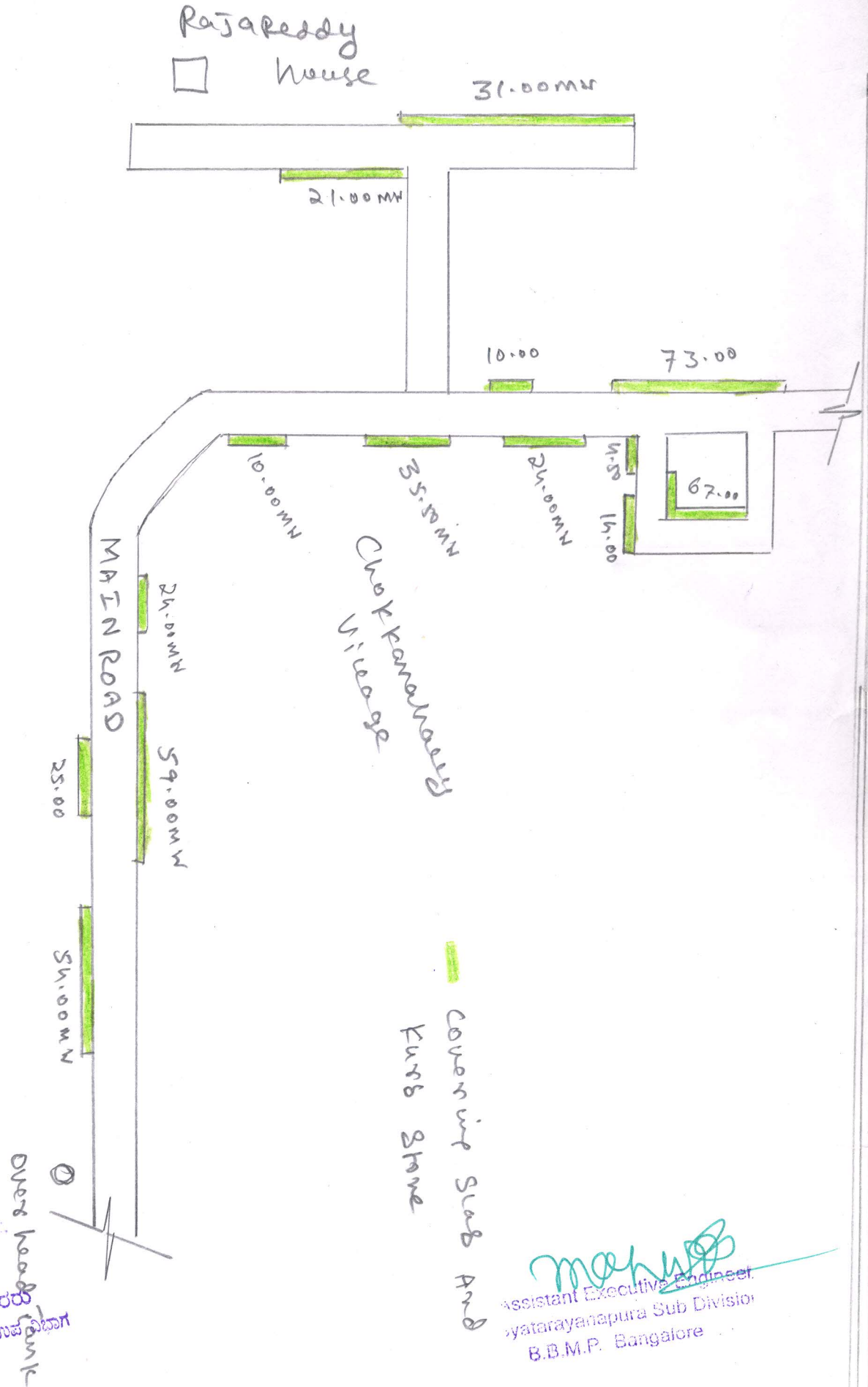
433/13-14, D: 03-03-14

TS/433/13-14 D: 03-03-14

AE/JE

SE/JP. QIV

Improvements to Roads and Drains At Thirumenahally
to Chokkanahally in Ward no. 05 Beataarayana Pura
Sub Division.



ಸಹಾಯಕ ಅಧೀನಾಧಿಕಾರಿ
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬಾಟಾರಾಯನಪುರ ಉಪವಿಭಾಗ